

DEC 08 2009

Application Serial No. 10/593,610
Reply to office action of September 10, 2009

PATENT
Docket: CU-5095

Amendments To The Claims

The listing of claims presented below will replace all prior versions and listings of claims in the application.

Listing of claims:

1-12. (canceled)

13. (currently amended) **A package providing apparatus TV-Anytime service system having a processor** for providing a package wherein the package is composed of contents including a component or item, the **apparatus system** comprising:

 a package metadata generating unit for generating package metadata including relation metadata describing temporal relation and spatial relation between the contents; and

 a providing unit for providing the package metadata.

14. (currently amended) **The apparatus as recited in TV-Anytime service system of** claim 13, wherein the temporal relation includes absolute temporal information or relative temporal information.

15. (currently amended) **The apparatus as recited in TV-Anytime service system of** claim 13, wherein the spatial relation includes relative distance information.

16. (currently amended) **The apparatus as recited in TV-Anytime service system of** claim 15, wherein the spatial relation includes relative size information according to a user interface.

17. (currently amended) **A package providing apparatus TV-Anytime service system having a processor** for consuming a package wherein the package is composed of contents including a component or item, the **apparatus system** comprising:

 a package metadata obtaining unit for obtaining package metadata including relation metadata describing temporal relation and spatial relation between the

Application Serial No. 10/593,610
Reply to office action of September 10, 2009

PATENT
Docket: CU-5095

contents; and

an analyzing unit for analyzing the package metadata.

18. (currently amended) ~~The apparatus as recited in TV-Anytime service system of~~ claim 17, wherein the temporal relation includes absolute temporal information or relative temporal information.

19. (currently amended) ~~The apparatus as recited in TV-Anytime service system of~~ claim 17, wherein the spatial relation includes relative distance information.

20. (currently amended) ~~The apparatus as recited in TV-Anytime service system of~~ claim 19, wherein the spatial relation includes relative size information according to a user interface.

21. (currently amended) A processor readable storage medium with instructions stored thereon for a package providing method for providing a package wherein the package is composed of contents including a component or item, wherein executing the instructions on the processor provides TV-Anytime service steps of the method comprising:

generating package metadata including relation metadata describing temporal relation and spatial relation between the contents; and

providing the package metadata.

22. (currently amended) ~~The method as recited in processor readable storage medium of~~ as recited in claim 21, wherein the temporal relation includes absolute temporal information or relative temporal information.

23. (currently amended) ~~The method as recited in processor readable storage medium of~~ claim 21, wherein the spatial relation includes relative distance information.

24. (currently amended) ~~The method as recited in processor readable storage~~

Application Serial No. 10/593,610
Reply to office action of September 10, 2009

PATENT
Docket: CU-5095

medium of claim 23, wherein the spatial relation includes relative size information according to a user interface.

25. (currently amended) A processor readable storage medium with instructions stored thereon for a package consuming method for consuming a package wherein the package is composed of contents including a component or item, wherein executing the instructions on the processor provides TV-Anytime service steps of the method comprising:

obtaining package metadata including relation metadata describing temporal relation and spatial relation between the contents; and

analyzing the package metadata.

26. (currently amended) The method as recited in processor readable storage medium of claim 25, wherein the temporal relation includes absolute temporal information or relative temporal information.

27. (currently amended) The method as recited in processor readable storage medium of claim 25, wherein the spatial relation includes relative distance information.

28. (currently amended) The method as recited in processor readable storage medium of claim 27, wherein the spatial relation includes relative size information according to a user interface.

29. (currently amended) A TV-Anytime service system having a processor for providing and consuming a package wherein the package is composed of contents including a component or item, the system comprising:

a package providing apparatus comprising a package metadata generating unit for generating package metadata including relation metadata describing temporal relation and spatial relation between the contents and a providing unit for providing the package metadata; and

a package consuming apparatus comprising a package metadata obtaining unit

Application Serial No. 10/593,610
Reply to office action of September 10, 2009

PATENT
Docket: CU-5095

for obtaining the package metadata and an analyzing unit for analyzing the package metadata.

30. (currently amended) The TV-Anytime service system as recited in claim 29, wherein the temporal relation includes absolute temporal information or relative temporal information.

31. (currently amended) The TV-Anytime service system as recited in claim 29, wherein the spatial relation includes relative distance information.

32. (currently amended) The TV-Anytime service system as recited in claim 31, wherein the spatial relation includes relative size information according to a user interface.

33. (currently amended) A processor readable storage medium with instructions stored thereon, wherein executing the instructions on the processor provides a TV-Anytime service relation metadata for describing relation between a plurality of contents including component or item, wherein the relation metadata describes temporal relation and spatial relation between the contents.

34. (currently amended) The relation metadata as recited in processor readable storage medium of claim 33, wherein the temporal relation includes absolute temporal information or relative temporal information.

35. (currently amended) The relation metadata as recited in processor readable storage medium of claim 33, wherein the spatial relation includes relative distance information.

36. (currently amended) The relation metadata as recited in processor readable storage medium of claim 35, wherein the spatial relation includes relative size information according to a user interface.